

ACTRIS/AERONET Europe 2011–2019, eight years supporting science and innovation

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The AERONET–Europe facility, operated by CNRS, UVA and AEMET, has been supporting, mostly in Europe and partially in Africa, long-term aerosol observation and monitoring efforts from a ground-based automatic sun/sky/moon-photometer network. This European facility, including calibration/QC/QA/training/processing, is benefiting to a large community, including SMEs, and further facilitates virtual access to high-quality information, tools and services enhancing the ACTRIS Data Centre. The AERONET Europe service is greatly contributing to innovative synergetic activities between photometer, LIDAR and in situ measurements and with satellites and modeling. Innovating instruments like moon-photometer and mobile photometers have been prototyped, developed, and evaluated in the frame of field campaigns. This presentation is summarizing the main outcomes of the community activity in the framework of ACTRIS-1/2 projects.

Preferred mode of presentation: Oral